

392927118415901 Local number 101 N19 E29 23CDCA1

Basin and Range basin-fill aquifers

Churchill County, NV

LOCATION.--Lat 39°29'27", long 118°41'59" referenced to North American Datum of 1983, in SW ¼ SE ¼ SW ¼ sec.23, T.19 N., R.29 E., Churchill County, Hydrologic Unit is unknown.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 13 ft. Upper casing diameter 2 in; top of first opening 8 ft, bottom of last opening 13 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 3936 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in casing high point, 0.0 ft above land-surface datum.

COOPERATION.--Churchill County

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

[Measurement method: S, steel tape; T, electric tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water level status
Oct 28, 2004	6.19	S	--
Dec 28	5.09	T	--
Jan 20, 2005	4.94	T	--
Feb 23	4.93	T	--
Mar 23	5.11	T	--
Apr 18	4.76	T	--
May 12	4.80	T	--
Jun 16	4.83	T	--
Jul 13	2.14	T	--
Aug 11	2.53	T	--
Sep 14	4.08	T	--

Highest: 2.14 Jul 13, 2005

Lowest: 6.19 Oct 28, 2004